

Comparisons of Job Characteristics

Focus Occupation: **Economists (19-3011)**

Associated Occupation: **Survey Researchers (19-3022)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Economists (19-3011)

Associated Occupation: Survey Researchers (19-3022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mathematics	9.2	14.3	17.9	>> Current knowledge level is likely more than sufficient
Administration and Management	8.4	13.1	11.5	< Expanded education and/or training may be required
Clerical	7.3	11.0	6.5	<< Extensive education and/or training may be required
Communications and Media	5.3	9.7	8.2	< Expanded education and/or training may be required
Economics and Accounting	4.4	9.6	17.7	>> Current knowledge level is likely more than sufficient
Psychology	6.4	9.1	3.6	<< Extensive education and/or training may be required
Sales and Marketing	5.2	9.1	8.7	0 Current knowledge level may be sufficient
Personnel and Human Resources	5.6	9.0	5.5	<< Extensive education and/or training may be required
Sociology and Anthropology	4.1	7.6	5.3	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Economists (19-3011)

Associated Occupation: Survey Researchers (19-3022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Reading Comprehension	10.7	14.5	14.1	0 Current skill level may be sufficient
Mathematics	6.2	11.3	12.3	0 Current skill level may be sufficient

Programming	2.2	6.7	1.9	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Economists (19-3011) Associated Occupation: Survey Researchers (19-3022)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Written Expression	9.8	13.3	15.7	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	13.2	13.2	0	Current ability level may be sufficient
Speech Clarity	10.2	12.8	11.9	0	Current ability level may be sufficient
Mathematical Reasoning	6.3	12.1	11.6	0	Current ability level may be sufficient
Speech Recognition	9.9	12.1	9.8	<	Some improvement in abilities may be required
Number Facility	6.3	11.9	11.3	0	Current ability level may be sufficient
Information Ordering	9.9	11.8	9.2	<	Some improvement in abilities may be required
Category Flexibility	9.0	10.7	7.9	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 100
Focus Occupation: Economists (19-3011) Associated Occupation: Survey Researchers (19-3022)		
Work Activities	Exclusivity of Activity	
Advise clients or customers	19	
Advise governmental or industrial personnel	28	
Analyze scientific research data or investigative findings	27	
Analyze social or economic data	63	
Collect scientific or technical data	30	
Collect social or personal information	70	
Collect statistical data	47	
Communicate technical information	4	
Compile numerical or statistical data	38	
Conduct field research or investigative studies	52	
Conduct market research	80	
Confer with research personnel	50	
Create mathematical or statistical diagrams or charts	43	

Develop or maintain databases	30
Develop plans for programs or projects	31
Develop policies, procedures, methods, or standards	21
Develop tables depicting data	33
Direct and coordinate activities of workers or staff	3
Direct and coordinate scientific research or investigative studies	27
Explain complex mathematical information	30
Follow confidentiality procedures	58
Forecast or predict phenomena based upon research data	71
Interpret charts or tables for social or economic research	70
Maintain awareness of social trends	71
Make presentations	13
Monitor consumer or marketing trends	74
Perform statistical modeling	76
Plan scientific research or investigative studies	48
Plan surveys of specified group or area	80
Prepare reports	8
Prepare technical reports or related documentation	22
Provide expert testimony on research results	66
Recognize interrelationships among individuals or social groups	74
Recognize interrelationships among social statistics or indicators	77
Recommend further study or action based on research data	60
Use computers to enter, access or retrieve data	3
Use current social research	62
Use interviewing procedures	23
Use knowledge of investigation techniques	16
Use library or online Internet research techniques	21
Use mathematical or statistical methods to identify or analyze problems	30
Use oral or written communication techniques	1
Use quantitative research methods	35
Use relational database software	26
Use scientific research methodology	21
Use spreadsheet software	18
Use word processing or desktop publishing software	17
Write business project or bid proposals	48
Write research or project grant proposals	33
Write scholarly or technical research papers	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 87

Focus Occupation: Economists (19-3011)
Associated Occupation: Survey Researchers (19-3022)

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.